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22 August 1958

DPS-3720

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25X1A

CMCC Doc. 151X5.1215

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Dear Dick:

We are forwarding herewith Progress Letter Number 21 covering work performed in connection with System No. 4 during the period extending from 1 July 1958 to 1 August 1958.

Sincerely,

Burt

Burt

BFM

bqm

Enclosures:

CMCC Doc. 163X5.86

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Encl #1

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Progress Letter No. 21

Contract No. A-101

System 4

1 July to 1 August 1958

CMCC Document No. 163X5.86

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12 August 1958

(This document contains a total of 3 sheets,
including this title sheet.)

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1. General

During the period covered by this progress letter:

- (1) Serial 104 was successfully flight tested and delivered.
- (2) Environmental testing for units of Serial 105 was completed and laboratory system testing was initiated.
- (3) Rework on units for Serial 101 was completed and the units were delivered.
- (4) Construction on Serial 106 was completed and subassembly testing was advanced.

2. Serial 104

- a. During the first two weeks of July, two successful flight tests were performed on Serial 104. Each flight was approximately seven hours duration. In both tests there were no equipment malfunctions.
- b. At the conclusion of the flight test the equipment was returned to the contractor's facility for packing and delivery. Serial 101 of the system test set was delivered with this system.

3. Serial 105

- a. All units of Serial 105 were successfully taken through unit environmental tests. Laboratory system testing is now under way. During this period the first production model 800-foot magazines were received. One of these was successfully type tested and incorporated into Serial 105. This system is now undergoing laboratory system test preparatory to undergoing system environmental test.
- b. At the close of this reporting period no suitable environmental test facility had been located. It is hoped to have one available some time after the middle of August.

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4. Serial 101-A

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The [] the 8/9 unit and the 10 unit for Serial 101 were completed and delivered. Each of these units was successfully submitted to the same unit environmental test prescribed for all System 4 equipment.

5. Serial 106

All construction on Serial 106 has been completed and subassembly testing is highly advanced on all units of the system.

6. Planning

During the forthcoming period it is expected that:

- (1) Laboratory system test and system environmental test of Serial 105 will be completed and the system transferred to the field.
- (2) Unit environmental test of Serial 106 will be initiated and advanced.
- (3) Construction of Serial 107 will be well advanced.

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